

**DEVELOPMENT OF MOBILE STUDENT PORTAL
USING ANDROID APPLICATION FOR
CAVITE STATE UNIVERSITY**

THESIS

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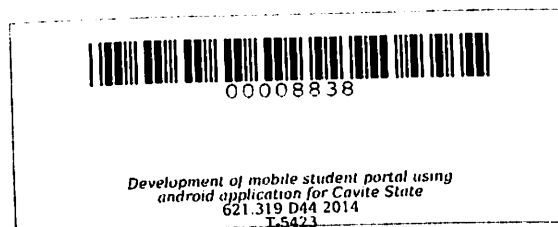
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DEVELOPMENT OF MOBILE STUDENT PORTAL USING ANDROID APPLICATION FOR CAVITE STATE UNIVERSITY

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ABSTRACT

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The study entitled, “Development of Mobile Student Portal Using Android Application for Cavite State University” was conducted to serve the students of Cavite State University. The system has three user - level of access, namely: administrator, instructor, and students. Through the aid of the system, it lessened the difficulty of accessing the student portal. Furthermore, the system is more capable for the administrator and instructor to manage and upload grades and subjects enrolled and other information regarding the university.

The System Development was used as the methodology of the software. It has seven-process workflows, namely: analyze/planning; breakdown priority project; design module; code – test / debug; integration of sub procedures; integration with the existing system; and test / implementation.

The software was developed through the use of different development tools which include: Adobe Photoshop, for editing images and for the design of the graphical user interface; RedKoda 3.0, for the diagram design; Java Eclipse, HTML and XAMPP, as programming languages; and Microsoft Office 2013, for the documentation.

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INTRODUCTION

Nowadays, technologies play an important role for everyone to become innovative, productive and responsible users, especially in the field of information technology. Modern technologies give ideas on how everyone's life can become easier and efficient when problems arise. Android OS powers hundreds of millions of mobile devices for at least all around the world. Android devices are already smart, and will only get smarter with new features you won't find on any other platform.

Android is a comprehensive open source platform designed for mobile devices. It is championed by Google and owned by Open Handset Alliance. The goal of the alliance is to accelerate innovation in mobile and offer consumers a richer, less expensive, and better mobile experience. It allows for a much larger number of devices to run the same applications and creates a much richer ecosystem for developers and consumers. Android is an open source platform, the entire stack, from low-level Linux modules all the way to